

Minutes  
For  
QA Workgroup – Nov. 13, 2012  
1:30 to 3:00 p.m. will be held in Room 215 at 3500 Industrial Blvd at DES,

You may also attend remotely via:  
Call-in toll-free number (Verizon):1-888-729-9685  
Call-in number (Verizon):1-210-453-7705  
Attendee access code: 3790118

In person: Bill Templin, Mike Dempsey, Don Guy, Jenn Russo, David Bosworth, Steve San Julian, Cindy Garcia

On Phone: Jeff Janik and Berry Montoya - O&M , Perry Lebeouf & Scott McReynolds - Red Bluff

1:30 p.m. - Bill Templin DES/ EWQES/BDMA opened the meeting and produced the agenda for this meeting and it included the following introduction to the meeting:

- 1) For those of you who are new to this workgroup, you can get an introduction to our efforts by viewing the poster (below) that we presented at the this year's DWR ES Workshop:  
[http://www.water.ca.gov/bdma/docs/120917\\_Ngatia\\_Templin\\_Guy\\_etal\\_ES\\_Conf\\_2012\\_QAQC\\_Poster\\_Final.pdf](http://www.water.ca.gov/bdma/docs/120917_Ngatia_Templin_Guy_etal_ES_Conf_2012_QAQC_Poster_Final.pdf)
- 2) One of the drivers for learning more about DWR's Real Time Monitoring activities at this meeting is our recent effort on the [California Estuary Monitoring Workgroup](#) as part of the [California Water Quality Monitoring Council](#).
- 3) We're hoping to gain thoughts from each of you on how to:
  - a. Learn more about existing DWR Real Time Monitoring networks
  - b. Learn how to get information on who maintains the networks within DWR.
  - c. Find similarities and differences in QA procedures, and
  - d. Learn how to begin improving communications that may be needed to help us meet WREM 60 obligations as shown on the poster above.
- 4) Our primary objectives for this meeting are to:
  - 1) Identify;
    - a. existing Real Time Monitoring activities within DWR
      - i. Who the points of contact should be,
      - ii. What types of data they are collecting, and
      - iii. Where we might be able to share their QA documentation.
        1. CDEC
        2. Water Data Library (WDL)
        3. Other?

Following are bullets on what each network contact reported:

- 1) DES, EWQES, RTM      Mike Dempsey

- Real Time continuous- network meta data available online  
<http://www.water.ca.gov/rtm/meta>
- Use Oracle (old Informix) not Hydstra
- They've had a problem with servers (DTS)- log out after time
- ODO sensors- 5-6 weeks switch sondes
- Their data is on CDEC- one point of contact for all users, not on WDL
- Vista- new modeler tool – working towards Oracle (going live soon)

2) DES, MWQI Steve San Julian & Cindy Garcia

- MWQI- old reports
- Online Reports for their operations:
  - QAQP Anion instrument  
[http://www.water.ca.gov/environmentalservices/docs/qaqc/Dionex\\_Anions\\_QAPP.pdf](http://www.water.ca.gov/environmentalservices/docs/qaqc/Dionex_Anions_QAPP.pdf)
  - QAQP Organic carbon instrument (5-10 years old)  
[http://www.water.ca.gov/environmentalservices/docs/qaqc/RealTime-revisedqapp\\_ver5.pdf](http://www.water.ca.gov/environmentalservices/docs/qaqc/RealTime-revisedqapp_ver5.pdf)
- Real Time data on CDEC
- QCed data set available
- Draft data are on CDEC website
- True Real-Time (screening data)
- Dennis Huff creating database
- Do not use Hydstra
- Water Pi- Internal data exchange system (Cindy mentioned) is a new proposal for data sharing possibly in the future being developed by Greg Smith EPI grant money ?- turn data to USEPI or CALEPI (SOW-working on protocols, long way out)
- Steve was concerned with developing new program if it's not the standard

3) DES, Suisun Marsh Bill Burkhard (not present)

4) NCRO Dave Bosworth

- Use Hydstra to plot data
- Plot discreet over continuous (Summer every 2 weeks, Winter every 3 weeks)
- ODO sensors- rotate sondes so that don't have to recalibrate in field
- Standardization= Hydstra already linked to WDL
- Real time data are on CDEC, Continuous, QAed data are on WDL

5) NCRO Kenny Karcher (not present\_

6) O&M Jeff Janik and Barry Montoya

- OM Stations- 18 automated
- Located North bay and south bay & Cali System
- All check for turbidity, temp, PH, 254
- Gianelli just added
- CDEC- data available
- OM- website locations

- Internal QA- Daily upload data to CDEC following week staff review data. Include program comp. grab sample data
- Do not use Hydstra, but would like to learn about its capabilities

7) Red Bluff Perry & Scott

- Water Quality- checking QC using Hydstra
- Very happy with the Hydstra/WDL combination for data request referrals
- No Real time WQ data are on CDEC, Continuous

8) Hydstra

- Retains all data (restrict public access- can't have access to bad data)
- Licenses throughout department
- A QA code is given
- Data updated in WQ library within a week
- User friendly
- \$700 a year for license maintenance
- Contact Greg Smith for more info
- How to consolidate Hydstra contract for entire department?
- Points will show up as continuous data

9) Action items/questions:

- Bill Templin to look for Delta Boundary Map – still in progress
- Who maintains Water Data Library? – Eric Senter (Greg Smith, Hydstra & licensing)
- Will there be a standardization of data? – This may be a management decision
- How to get old data into new programs? – Dependent on; priorities assigned by mgmt..
- Perry and Scott will check with Pat Huckaby from their office about possibly giving demo on Hydstra at our next meeting and possible training for Jeff and Berry.
- Who within DWR might be able to give an introduction to real time and continuous monitoring to the California Estuary Monitoring Workgroup?
  - CDEC – David Parker
  - WDL – Greg Smith (he is also on the CWQ Monitoring Council Workgroup, but not available on Dec. 18 to speak at the CEMW meeting)
  - Individual Network Contacts?

Meeting ended at 2:30 pm. Next meeting - To Be Announced